

D 4 0 8 8 - 0 4 3

Work Order ID 108789

B 1 0 8 7 8 9

108789

Page 1

October-29-13 10:03:25 AM

Item ID: D4088-043

Accept

N900040100

Setup

Start

NS1

Revision ID:

Stop

NS2

Item Name: Shoulder Harness

Start Date: 10/29/13 Start Qty: 4.00

4

Cust Item ID:

Required Date: 10/29/13 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: NLS

Date: 13-10-31

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
100 *100*	A	0.00							
Purchasing	Memo	0.00							
Purchasing	Issue P/O: 002101 Manufacture D4088-043 as per Dwg D4088 Supplier:AMSAFE INC. Certificate of conformity is required								PL 13-11-01
110 *110*	Receive & Inspect for Damage & Mat'l Certs	0.00							
Packaging	Memo	0.00							
Packaging									R 13/11/21 G
120 *120*	QC6- Inspect dimensions to drawing	0.00	DAS 27 9-89						
QC Quality Control	Memo	0.00							
	ensure buckle engages and dis-engages correctly for every unit.		13/11/22						4

DQA: _____ Date: _____

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only

Work Order Update Only				Disposition		Against Department/Process							
Work Order:				Rework		Skid-tube		Crosstube		Water Jet		Engineering	
Part No.				Scrap		Machining		Small Fab		Prod. Eng. Coor.		Quality	
NCR No.				Use-as-is		Thermoforming		Finishing		Rec/Store/Packaging		Other	
				Suspected Unapproved		Large Fab		Composite		Supplier			
Root Cause	Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector		
Design													
Doc/Data													
Equip/Tooling													
Handling/Pre													
Material													
Operator													
Offset/Setup													
Process													
Supplier													
Training													
Transport													
Unapproved													
Fault Category													
Landing Gear				General									
Bending	Bend	Folio/Program	Outside Dimensions	Pressure/Forced									
Centre Not Concentric	BOM/Route	Grain	Over/Under tolerance	Set-up									
Cracks	Broken/Damage/Defect	Hardware	Part Incorrect	Temperature/Cure									
Crimp/Kink/Ripple/Wave	Burrs	Inspection Incomplete/Unqualified	Part Lost/Missing	Weld									
Cuffs	Contamination	Instructions Incomplete/Unclear	Part Moved	Wrong Stock Pulled									
Crushing	Countersink	Misaligned/off center	Positioned Wrong										
Heat Treat	Cut Too Short	Mislabeled	Power Loss/Surge										
Inspection Strip in Tube	Drawing	Misread											
Marks/Chatter	Drill Holes	Off-set											
Turning Sequence	Finish	Out of Calibration											
Wave/Twist in Tube	Fit/Function	Out of Sequence											

Work Order ID 108789

October-29-13 10:03:25 AM

108789

Page 2

Item ID: D4088-043

Accept

N900040100

Setup

Start

NS1

Revision ID:

Stop

NS2

Item Name: Shoulder Harness

Start Date: 10/29/13 **Start Qty:** 4.00

4

Cust Item ID:

Required Date: 10/29/13 **Req'd Qty:** 4.00

4

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

**Sequence ID/
Work Center ID**

**Operation
Description**

**Set Up/
Run Hours**

Tool ID

Tool #

**Plan
Code**

**Accept
Qty**

**Reject
Qty**

**Reject
Number**

**Insp.
Stamp**

130

Identify as per dwg & Stock Location:

0.00

DAS

32

9-89

130

Packaging

Packaging

59268

140

QC21- Final Inspection - Work Order Release

0.00

4 13/11/22

140

QC

Quality Control

Memo

0.00

13/11/22

13/11/22

DQA: _____ Date: _____

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Suspected Unapproved	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Part No. _____ NCR No. _____											
Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Design											
Doc/Data											
Equip/Tooling											
Handling/Pre											
Material											
Operator											
Offset/Setup											
Process											
Supplier											
Training											
Transport											
Unapproved											
FAULT CATEGORY											
Landing Gear			General								
Bending	Bend	Folio/Program	Outside Dimensions		Pressure/Forced						
Centre Not Concentric	BOM/Route	Grain	Over/Under tolerance		Set-up						
Cracks	Broken/Damage/Defect	Hardware	Part Incorrect		Temperature/Cure						
Crimp/Kink/Ripple/Wave	Burrs	Inspection Incomplete/Unqualified	Part Lost/Missing		Weld						
Cuffs	Contamination	Instructions Incomplete/Unclear	Part Moved		Wrong Stock Pulled						
Crushing	Countersink	Misaligned/off center	Positioned Wrong								
Heat Treat	Cut Too Short	Mislabeled	Power Loss/Surge								
Inspection Strip in Tube	Drawing	Misread									
Marks/Chatter	Drill Holes	Off-set									
Turning Sequence	Finish	Out of Calibration									
Wave/Twist in Tube	Fit/Function	Out of Sequence									

Picklist Print

October-29-13 10:03:24 AM

Page 1
1

Work Order ID: 108789

Parent Item: D4088-043

Parent Item Name: Shoulder Harness

Start Date: 10/29/13

Required Date: 10/29/13

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE DD 10.04.29 VERIFIED:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
3221-1-021-2396 Shoulder Harness		Purchased	No			110	Each	0.0000	1	4		13/4/21 (G)	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only

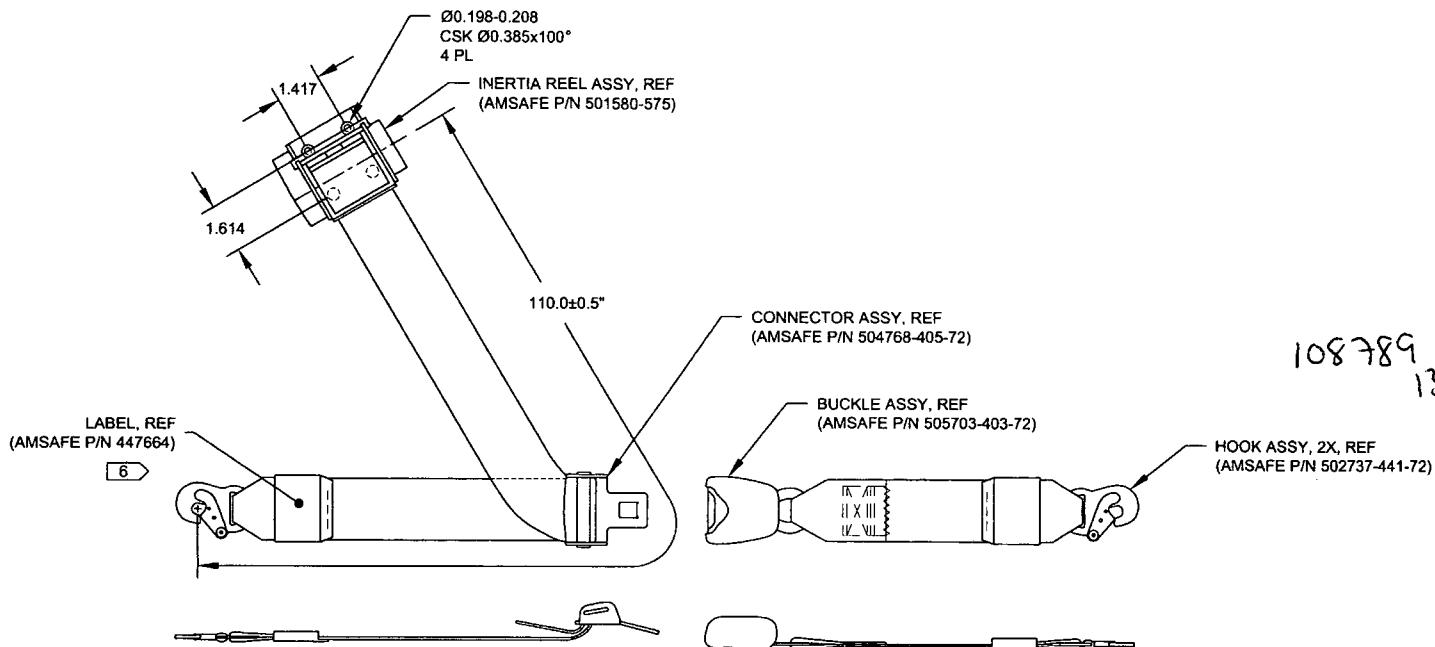
<p>Work Order: _____</p> <p>Part No. _____</p> <p>NCR No. _____</p>	DISPOSITION <input type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved	AGAINST DEPARTMENT/PROCESS <input type="checkbox"/> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General				Fault Category			
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	<input type="checkbox"/> Other			

SPECIFICATION CONTROL DRAWING



D4088-043 SHOULDER HARNESS

NOTES:

- 1) PURCHASE: AMSAFE INC. P/N 3221-1-021-2396
3-POINT SHOULDER HARNESS WITH PUSH-BUTTON BUCKLE
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:
PART NO. 3221-1-021-2396
CUST. P/N: D4088-043
RATED: 3000 LBS DATE OF MFG
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

RELEASED
2010-04-27
MLJ

DESIGN	<i>91</i>	DART AEROSPACE LTD
DRAWN	<i>91</i>	HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>JL</i>	DRAWING NO.
MFG. APPR.	<i>JL</i>	D4088 REV. A
APPROVED	<i>JL</i>	SHEET 2 OF 2
DE APPR.	<i>JL</i>	TITLE
DATE	10.03.16	SCALE
		NTS
		<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO21918**

Purchase Order Date 11/1/2013

PO Print Date 11/1/2013

Page Number 1 of 1

Order From : VU-AMS001
AMSAFE INC.
1043 NORTH 47TH AVENUE
PHOENIX, AZ 85043
US

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 602 850 2850

Ship To Contact
Ship To Phone
Ship Via: FedEx PI collect
Ship Acct:

Buyer Brigitte Golden
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB FCA - (Free Carrier)

FAXED
(CJ3/Mel)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Promise Date	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3636-041P	Shoulder Harness	11/1/2013 Yes	8.00	11/22/2013	Each	\$337.39	\$2,699.12
	AMSAFE P/N: 3104-1-061-2396							

Line Total: \$2,699.12

2	3221-1-021-2396	Shoulder Harness	11/1/2013 Yes	4.00	11/22/2013	Each	\$296.96	\$1,187.84
	AMSAFE P/N 3221-1-021-2396							

Line Total: \$1,187.84

PO Total: \$3,886.96

u
Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.
No substitution or deviation without consent.
Certificate of Conformity or Material Certification required YES NO
PST# 6122-5207

Change Nbr: 1

Change Date: 11/1/2013

[Signature]

AmSafe

1043 NORTH 47th AVENUE
PHOENIX, AZ 85043
PH (602)850-2850 FAX (602)850-2812

SHIPPER/CERTIFICATION



CUSTOMER NO.
10006113

SALES ORDER NO.
S266708

BOL NO.
000318196

DATE PRINTED
11/20/13

PAGE NO.
1

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
HAWKESBURY, ON K6A 1K7
Canada

DART AEROSPACE LTD.
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Canada

CUSTOMER ORDER NO.
PO21918

TERMS
NET30

FREIGHT
COLLECT

Sales Order Remarks: 1517-9324-0
Remarks:

Ship to ID: 10006125

SHIP VIA FedEx P1 10:30 AM	F.O.B. ORIGIN
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SHIPMENT REFERENCE 000318196

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS			DUE DATE	QTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
1	Cust. Item No.: D3636041 3104-1-061-2396 REST SYS ASSY W/IR	DRAWING: REV:	3104 G	CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S266708-1	2013-11-22	8 Expire Ref.	8	0
2	Cust. Item No.: D4088-043 3221-1-021-2396 REST SYS ASSY W/IR	DRAWING: REV:	3221 A	CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S266708-2	2013-11-22	4 Expire Ref.	4	0

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):
FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Certifications/test reports as applicable are retained on file at AmSafe Aviation.

AmSafe Authorized Signature: X _____

Laura Beury

Printed Name:

Laura Beury

Dated: / / NOV 20 2013

COUNTRY OF ORIGIN USA

1. Approving National Aviation Authority/Country: FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					3. Form Tracking Number: S266708 - 2 <i>NA</i>	
4. Organization Name and Address:		AmSafe Aviation 1043 North 47th Avenue Phoenix, Arizona 85043			Cert. No. PT1967NM		5. Work order/Contract/Invoice Number: <i>S266708 - 2</i> <i>0 PAGES ATTACHED</i>
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	REST SYS ASSY W/IR	3221-1-021-2396	N/A	4	<i>H113</i>	NEW	
13. Remarks: Drawing: 3221 Rev: A TSO: TSO-C114							
EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA							
14. Certifies the items identified above were manufactured in conformity to:			19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
<input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13.							
15. Authorized Signature: <i>Nellie Alvarado</i>	16. Approval/Authorization No.: ODA602112NM	20. Authorized Signature	21. Authorized/Certificate No.				
17. Name (typed or printed) <i>NELLIE ALVARADO</i>	18. Date (m/d/y): <i>NOV/18/2013</i>	22. Names (typed or printed)	23. Date (m/d/y):				
User/Installer Responsibilities							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>							